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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786,294	02/26/2004	William F. Geraghty	21377	3434
7590	12/01/2005		EXAMINER	
Peter N. Lalos Stevens, Davis, Miller & Mosher, LLP Suite 850 1615 L Street, NW Washington, DC 20036-5622			KOVACS, ARPAD F	
			ART UNIT	PAPER NUMBER
			3671	
DATE MAILED: 12/01/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/786,294	GERAGHTY, WILLIAM F.
	Examiner	Art Unit
	Árpád Fábián Kovács	3671

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

## Disposition of Claims

4)  Claim(s) 1-19 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5)  Claim(s) \_\_\_\_\_ is/are allowed.

6)  Claim(s) 1-19 is/are rejected.

7)  Claim(s) \_\_\_\_\_ is/are objected to.

8)  Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

9)  The specification is objected to by the Examiner.

10)  The drawing(s) filed on \_\_\_\_\_ is/are: a)  accepted or b)  objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)  The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a)  All    b)  Some \* c)  None of:  
1.  Certified copies of the priority documents have been received.  
2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3.  Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1)  Notice of References Cited (PTO-892)  
2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3)  Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4)  Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5)  Notice of Informal Patent Application (PTO-152)  
6)  Other: \_\_\_\_\_.  
\_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

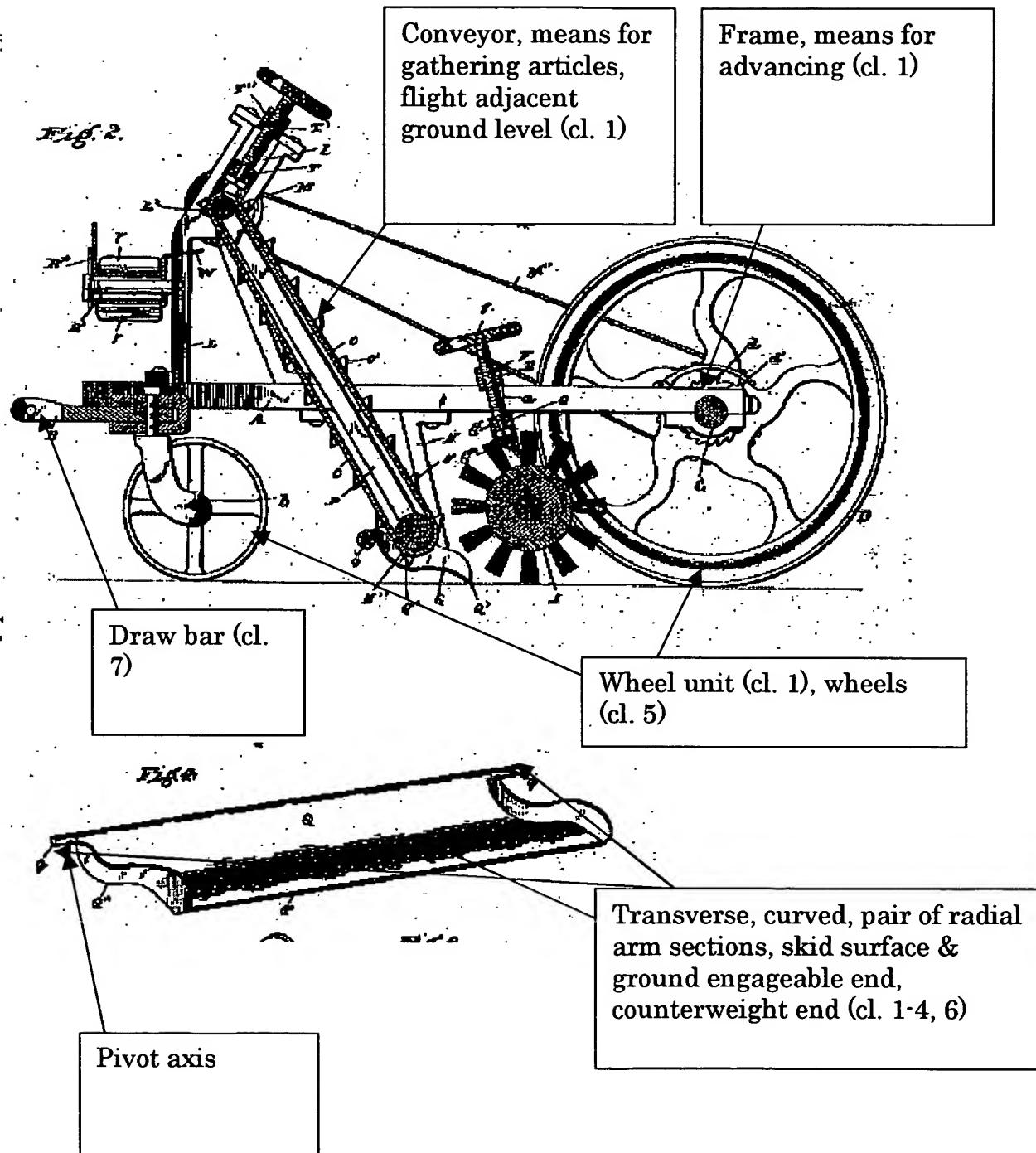
1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

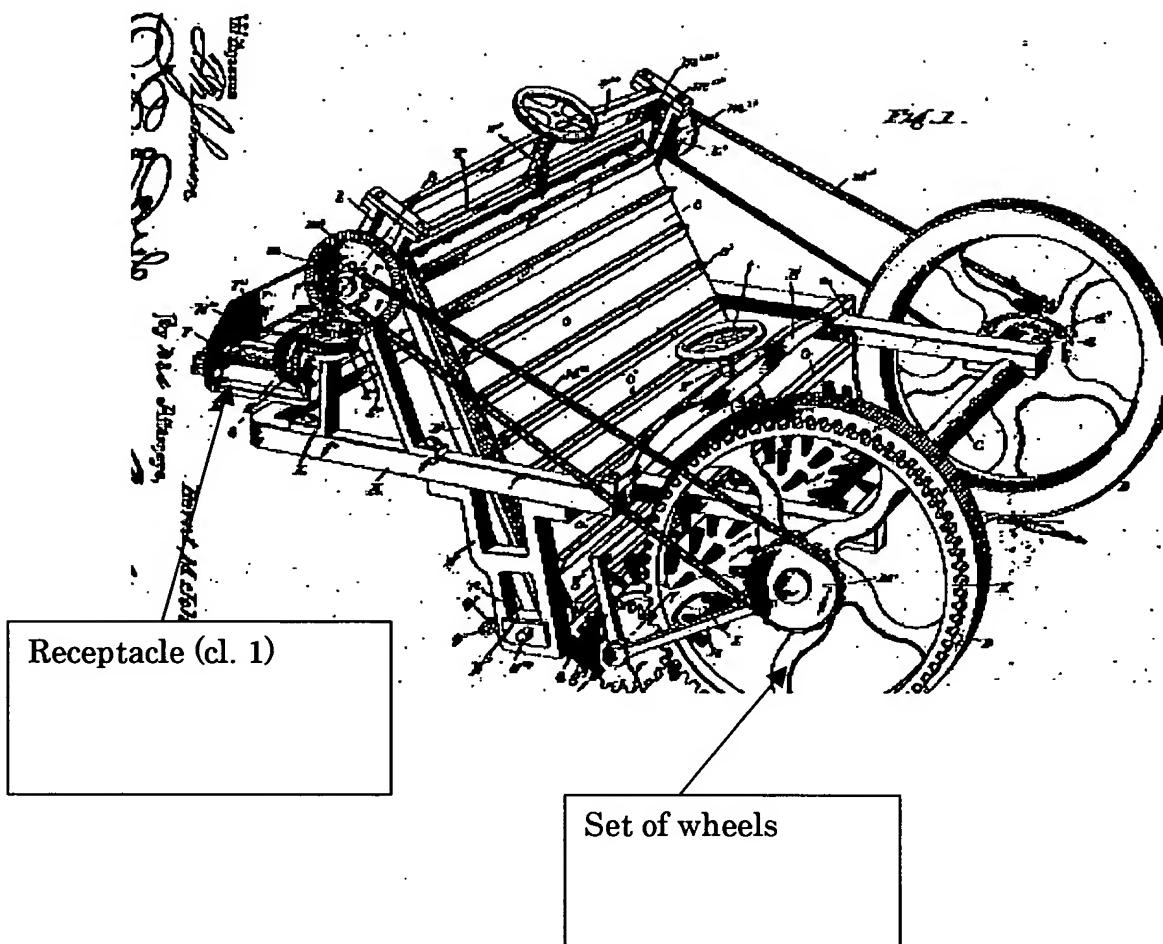
(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson (501515).

Johnson discloses:

In re claims 5-6, as shown in fig 2, the moldboard is provided with a set of ground engageable wheels (b) on one side of the pivot axis of the moldboard, while on the opposite side a counterweight end is disposed (see fig 3, the opposite end of the moldboard is "heavier" or "bigger").





As the applicant pointed out the parts shown in the prior art are placed in reverse of what the applicant is claiming, especially following the amendment which was to more clearly recite this feature.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to pull the device from the right side of ref A, since it has been held that a mere reversal of the essential working parts of a device involves only routine skill in the art. In re Einstein, 8 USPQ 167.

3. Claims 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson (501515), in view of Claude (EP 319420 A2).

Johnson discloses the claimed invention except for a different material design for the endless conveyor as claimed.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to use perforated/chain link material in constructing the endless the conveyor, as shown in fig 8 of Claude, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin* , 125 USPQ 416.

4. Claims 10-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Johnson (501515), in view of Persoons et al (4287707).

Johnson discloses the claimed device except for the tines, bin as claimed.

Persoons discloses (it meets also the limitations of at least the independent claims) that it is known in the art to provide a tines on the conveyor (see fig 2G) and cooperating tines or brush (see different design choices: fig 2A, 2B, 2H etc...), bin/hopper supported on the frame (col. 3, 24-25). Examiner takes Official Notice that bin/hopper with wheels & hinged cover is very well known in the art.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to provide the conveyor & means for receiving the articles of Johnson with the alternate design taught by Persoons, in order to ensure that the conveyor stays clean from the articles, and make it more convenient in collecting the articles.

***Response to Arguments***

5. Applicant's arguments with respect to claims 1-19 have been considered but are moot in view of the new ground(s) of rejection.

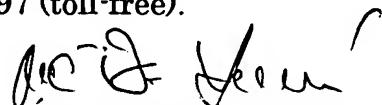
In re arguments, see the new rejection detailed above.

*Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Árpád Fábián Kovács whose telephone number is 571 272 6990. The examiner can normally be reached on Mo-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas B. Will can be reached on 571 272 6998. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Árpád Fábián Kovács  
Primary Examiner  
Art Unit 3671

ÁFK